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PATENT
4001-1227

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Frank ARNDT et al.

Conf. 5638

Application No. 10/590,962

Group 2834

Filed August 29, 2006

Examiner D. ROSENAU

CLADDING COMPRISING AN INTEGRATED POLYMER ACTUATOR FOR THE
DEFORMATION OF SAID CLADDING

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 19, 2008

Sir:

In response to the non-final Office Action of February 19, 2008, Applicants herein provide the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 4 of this paper.

Amendments to the Drawings begin on page 7 of this response and includes an attached replacement sheet.

Remarks begin on page 8 of this response.

An **Appendix** is attached following the signature page of this response.